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L1: Entry 16 of 38

File: DWPI

Dec 13, 1988

DERWENT-ACC-NO: 1989-029634

DERWENT-WEEK: 198904

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TITLE: Unsatd. polyester resin moulding compsn. - contg. hydrogenated bisphenol=A glycol and metal stearate

PATENT-ASSIGNEE:

ASSIGNEE

CODE

MATSUSHITA ELEC IND CO LTD

MATU

PRIORITY-DATA: 1987JP-0142531 (June 8, 1987)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

JP 63305160 A

December 13, 1988

002

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

JP63305160A

June 8, 1987

1987JP-0142531

INT-CL (IPC): C08F 299/04; C08L 67/06

ABSTRACTED-PUB-NO: JP63305160A

BASIC-ABSTRACT:

Compsn. comprises unsatd. polyester resin contg. at least 1/6 mol. hydrogenated bisphenol A glycol and a metal salt of stearic acid. The compsn. contains at least 1/6 mol hydrogenated bisphenol unsatd. polyester per mol resin to retain h.f. behaviour and heat resistance. 45-35 wt.% crosslinking agent (e.g., styrenic monomer) is blended into 55-65 wt.% polyester.

The compsn. comprising 100 pts.wt. hydrogenated bisphenol unsatd. polyester and the styrenic monomer is pref. blended with 3-35 pts.wt. polystyrene or polyacrylic resin to improve heat resistance and prevent heat distortion, polymerisation initiator (e.g., t-butyl peroxyisopropyl carbonate for preventing liberation of odour or dicumyl peroxide), filler (e.g., glass fibre, glass powder, Al(OH)<sub>3</sub>, CaCO<sub>3</sub>, SiO<sub>2</sub>, clay or talc), a releasing agent (e.g., metal stearate for improving and retaining cooking workability in a microwave oven in amt. = 0.5-1.5 wt.%). The combined use of Al(OH)<sub>3</sub> and glass fibre is pref. for heat-resistance and dimensional stability.

USE/ADVANTAGE - Trays moulded from the compsn. and coated with a transparent acryl urethane paint have high heat resistance in a microwave oven. They liberate no odour.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: UNSATURATED POLYESTER RESIN MOULD COMPOSITION CONTAIN HYDROGENATION  
BISPHENOL=A GLYCOL METAL STEARATE

DERWENT-CLASS: A23 A92

CPI-CODES: A05-D02B; A08-A04A; A12-D03; A12-P06B;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0476U; 0708U ; 1278U ; 1377U ; 1541U ; 1694U ;  
1949U ; 2020U ; 5213U ; 5214U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0011 3003 0037 0205 0224 0060 0069 0183 0226 0303 0310 3181 1335 2211  
2214 2216 2259 2267 2285 2293 2300 2315 2545 2595 2600 2604 2674 2726 2756 2775

Multipunch Codes: 014 02& 055 056 06- 075 08- 10- 13- 143 146 15- 169 174 18- 20-  
229 266 267 289 308 309 310 314 329 331 337 341 381 44& 441 443 46- 476 477 48-  
50& 50- 516 523 525 527 541 542 637 722 723

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1989-013180